

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Friday, September 22nd 2017
As of 0900 CST

Tropical Weather Awareness

Atlantic Tropical Cyclones and Disturbances

www.hurricanes.gov

JOSE

MARIA

8:00 am EDT
Fri Sep 22 2017

100°W 90°W 80°W 70°W 60°W 50°W 40°W 30°W 20°W

Current Disturbances and Two-Day Cyclone Formation Chance: ☼ < 40% ☼ 40-60% ☼ > 60%
Tropical or Sub-Tropical Cyclone: ○ Depression ◉ Storm ◉ Hurricane
☼ Post-Tropical Cyclone ✕ Remnants

The National Hurricane Center is issuing advisories on Post-Tropical Cyclone Jose, located a little over a hundred miles southeast of Nantucket, Massachusetts, and on Hurricane Maria, located just to the north-northeast of Grand Turk Island. Tropical cyclone formation is not expected during the next 5 days.

Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
09/21/17	Initial Report of a Road Closure (IH-10)	Waller County	N
09/22/17	Initial Report of a Road Closure (IH 35)	La Salle County	N
09/22/17	Final Report of a Road Closure (IH-10)	Waller County	Y
09/22/17	Final Report of a Road Closure (IH 35)	La Salle County	Y

Informational Products

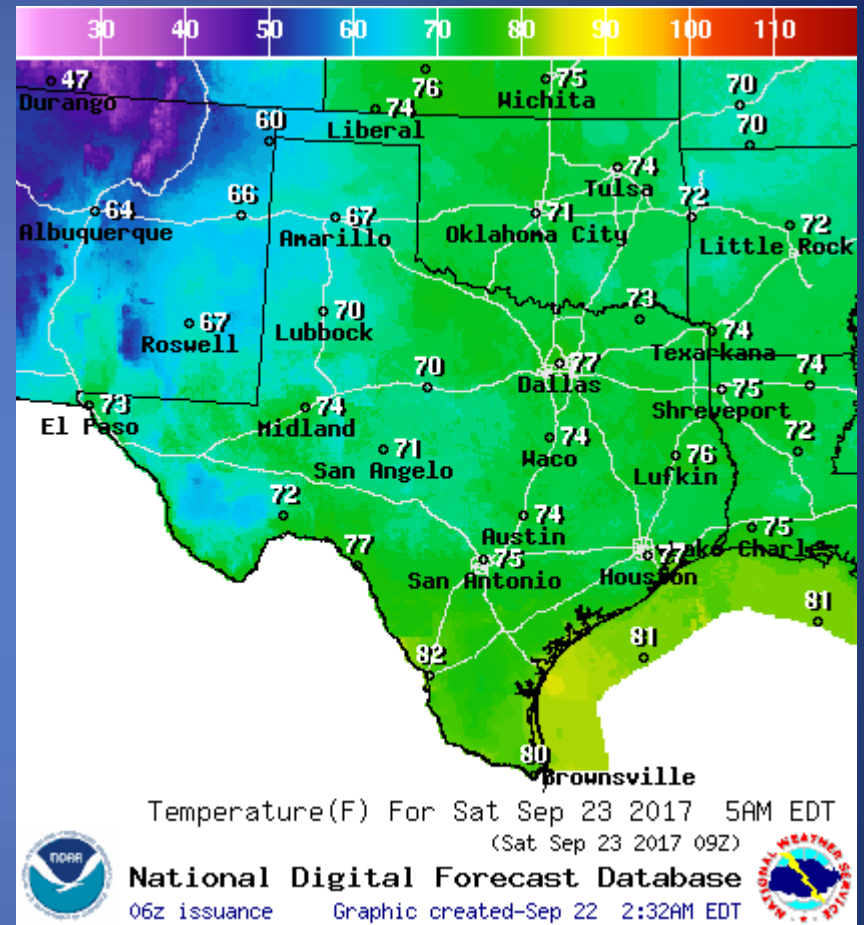
Distributed by the State Operations Center

DATE	SUBJECT
09/21/17	NWS El Paso: Weather Hazards Outlook Thursday September 21, 2017
09/21/17	NWS Lake Charles: Weekly Weather Update
09/22/17	NWS Houston/Galveston: Post Tropical Cyclone Report - Tropical Storm Harvey Updated
09/22/17	FEMA Region 6 Daily Situation Awareness Brief

Weather Forecast

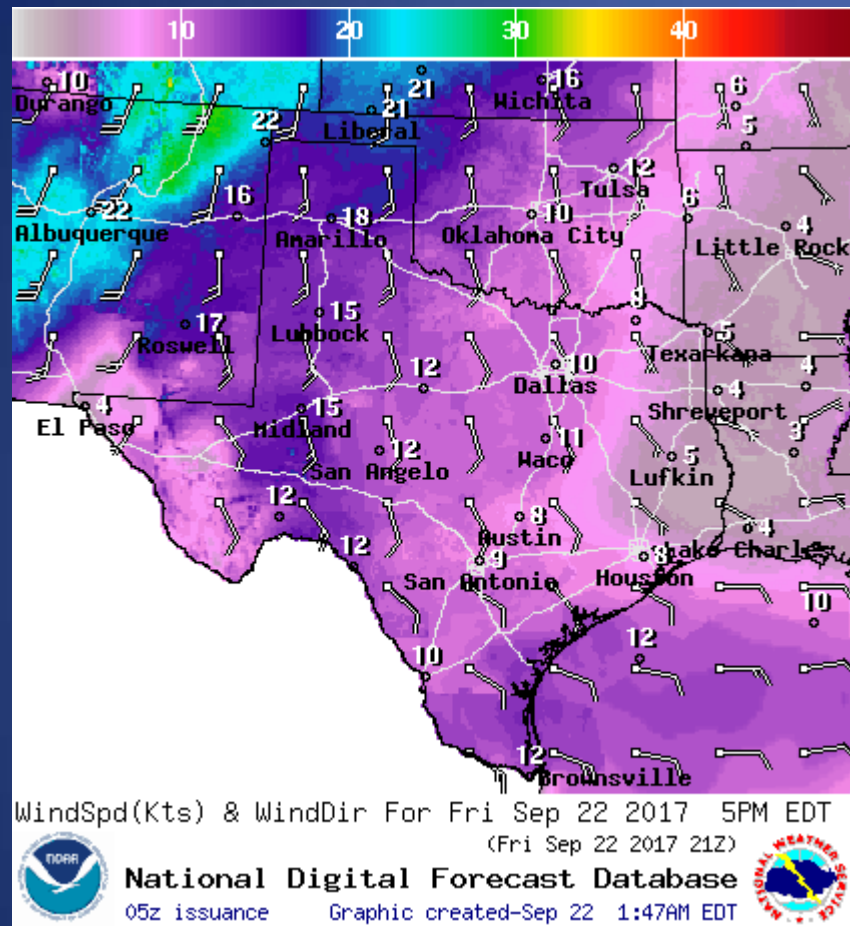


Highs

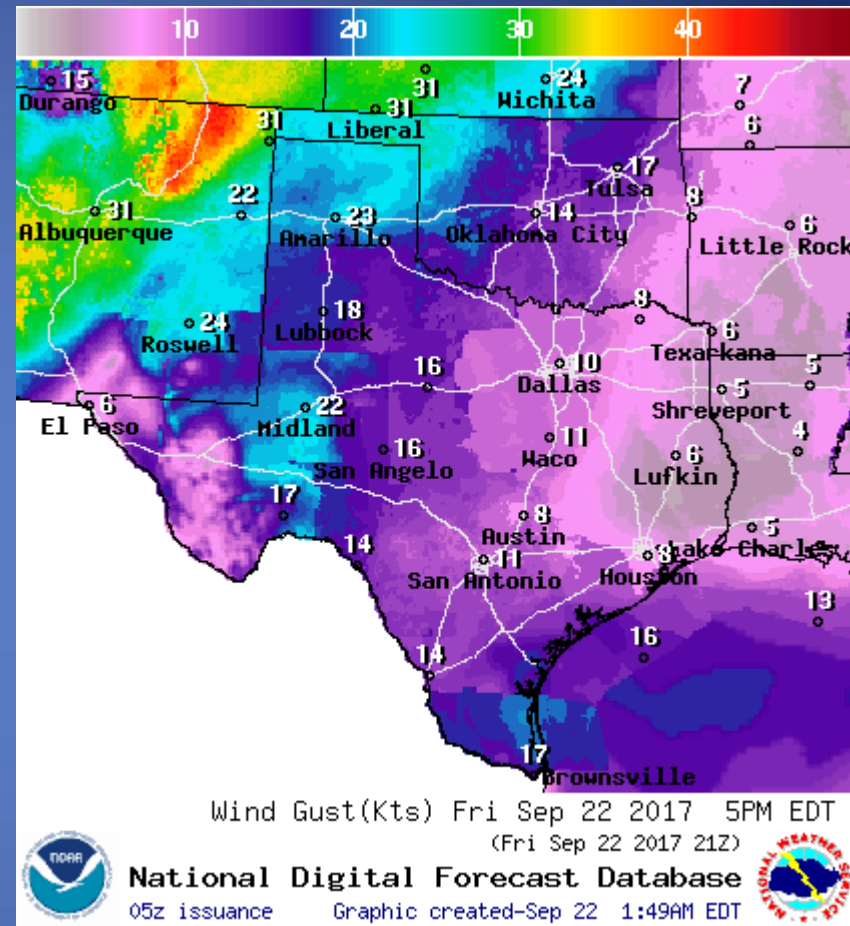


Lows

Weather Forecast



Wind Speeds



Gusts

Hazardous Weather



Severe Weather Risk For Today...

Tornado & Severe Thunderstorm Outlook
Friday, September 22, 2017

- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)
No severe thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible
Lightning/flooding threats exist with all thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible

Strong to Severe Storms Possible.
Hail, Damaging Winds, and Heavy Rain Are The Primary Hazards

Hail (>1 in.)

Wind (60+ mph)

Tornadoes



National Weather Service - Amarillo

Issued: 9/22/2017 4:51 AM



Strong to severe thunderstorms are possible today across mainly western and central portions of the Oklahoma and Texas Panhandles. Main threats today include strong wind gusts of 50 to 60 mph and hail around the size of quarters.



Astronomical Fall Begins Today

Friday, September 22nd

Fittingly, temperatures will decrease from yesterday, though it will still remain warm. Highs will top out in the upper 80s to middle 90s.

Scattered thunderstorms will develop near the TX/NM line this afternoon and evening. A few storms could be strong and drop locally heavy rain.



Afternoon Highs



weather.gov/Lubbock

[f NWSLubbock](https://www.facebook.com/NWSLubbock)

[@NWSLubbock](https://twitter.com/NWSLubbock)

This first day of fall will bring a slight drop in temperatures, though it will still remain well above average. Scattered thunderstorms will develop near the TX/NM line this afternoon and evening, where a few could become strong and drop locally heavy rain. Further east it will remain dry.

Hazardous Weather

Very Warm w/ Increased Moisture

Weather Forecast Office
El Paso, TX



Storm Potential Greatest East Portion

Issued September 21, 2017 9:32 PM CDT

**Strong Storms
possible east of
Rio Grande**

Friday



Mostly Dry West

f t NWSElPaso

weather.gov/epz

As a large upper trough continues to strengthen over the Great Basin, the flow over most of our area will transition from westerly to more southerly, especially in the eastern portion. Therefore moisture levels will increase, with thunderstorms forming mainly along and east of the Rio Grande during the afternoon (especially late). Some of the storms in Hudspeth, Otero and even eastern El Paso Counties could be on the strong side with large hail and damaging wind gusts possible.

Above-Normal Temperatures

Weather Forecast Office
Midland/Odessa, TX



Heavy rain possible tonight southeast New Mexico

Issued September 22, 2017 3:30 AM CT

Today



Tonight



f t NWSMidland

weather.gov/maf

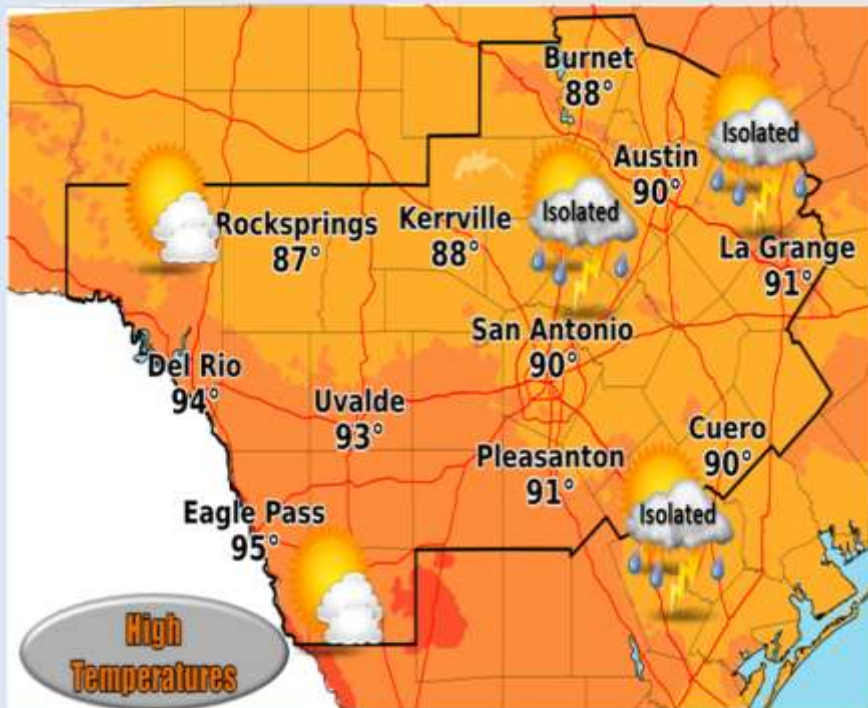
Above normal temperatures are expected today and tonight with thunderstorms possible from the southeast New Mexico Plains south to the Guadalupe Mountains, upper Trans Pecos Region and Davis Mountains. The rainfall could be heavy tonight in southeast New Mexico with flash flooding possible.

Hazardous Weather



Partly Cloudy to Mostly Cloudy With Isolated Showers and Storms

National Weather Service Austin / San Antonio



@NWSsanAntonio
weather.gov/ewx

Partly to mostly cloudy skies along with near normal temperatures can be expected across all areas today. In addition, some isolated showers and storms are possible, mainly for areas east of a Hondo to Fredericksburg line.



Your TGIF Forecast...

National Weather Service Houston/Galveston

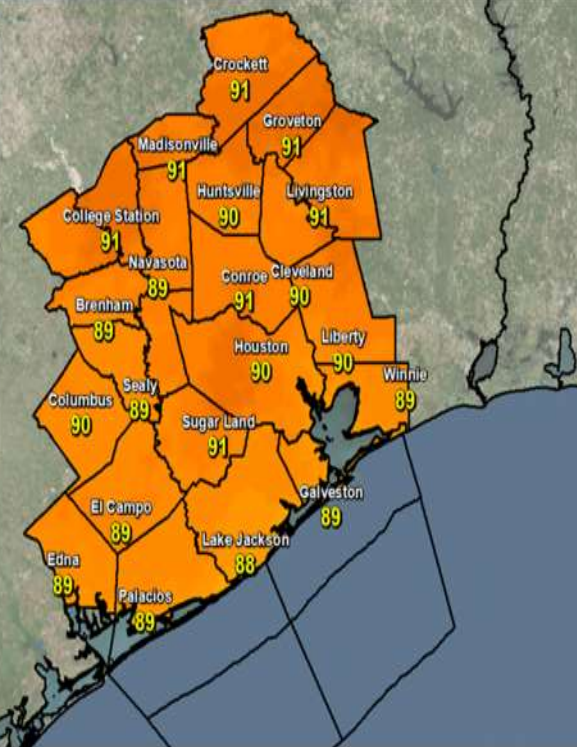
Fog this morning will dissipate across the area with partly cloudy skies. The best chances for showers and a few thunderstorms will be west of a Sealy to Lake Jackson line.

Sky/Rain: AM -----> PM

FOG

20%

Wind: SE 5-10MPH



@NWSHouston
weather.gov/houston

Image 9/22/2017
Created 6:04 AM

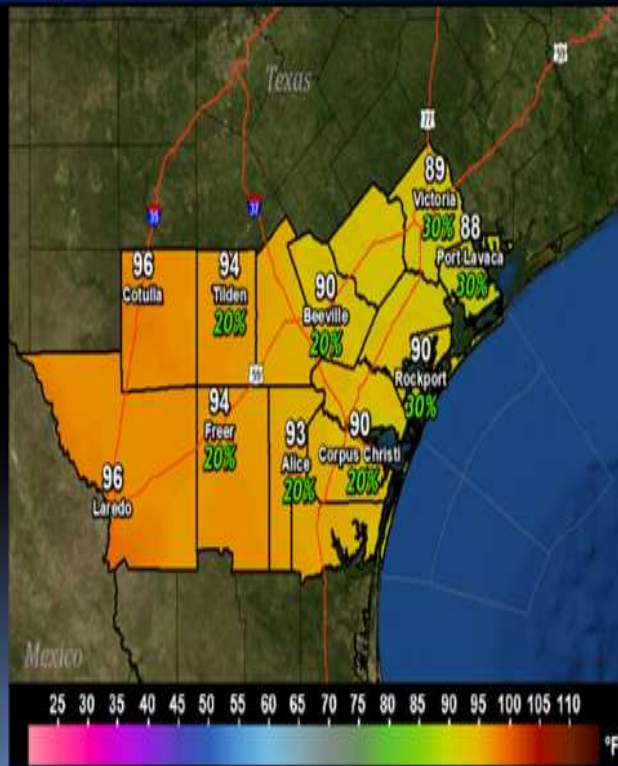
Fog should dissipate this morning with showers and a few thunderstorms this afternoon. High temperatures 88-92F.

Hazardous Weather



Today

Autumnal Equinox



- ☐ Partly to mostly cloudy
- ☐ Isolated to scattered showers and storms
- ☐ Southeast wind 10 to 15 mph

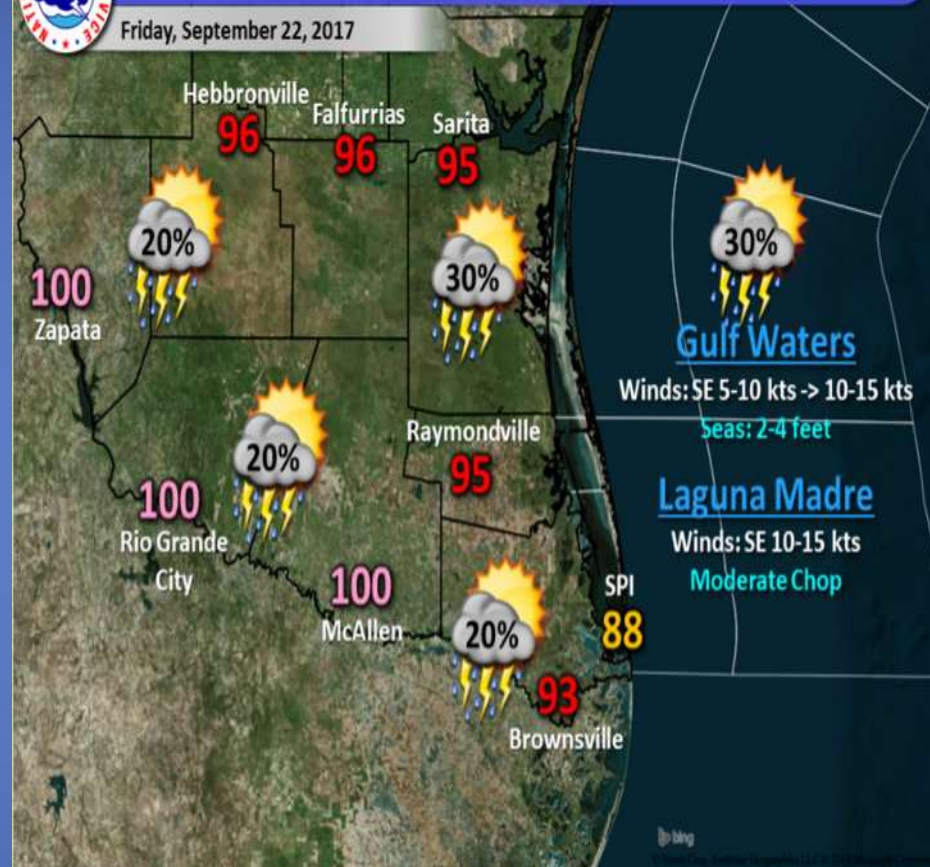
Issued at 6:08 AM - September 22, 2017

Isolated to scattered showers and thunderstorms will be possible across the region once again today.



Isolated Showers & Thunderstorms Today

Friday, September 22, 2017

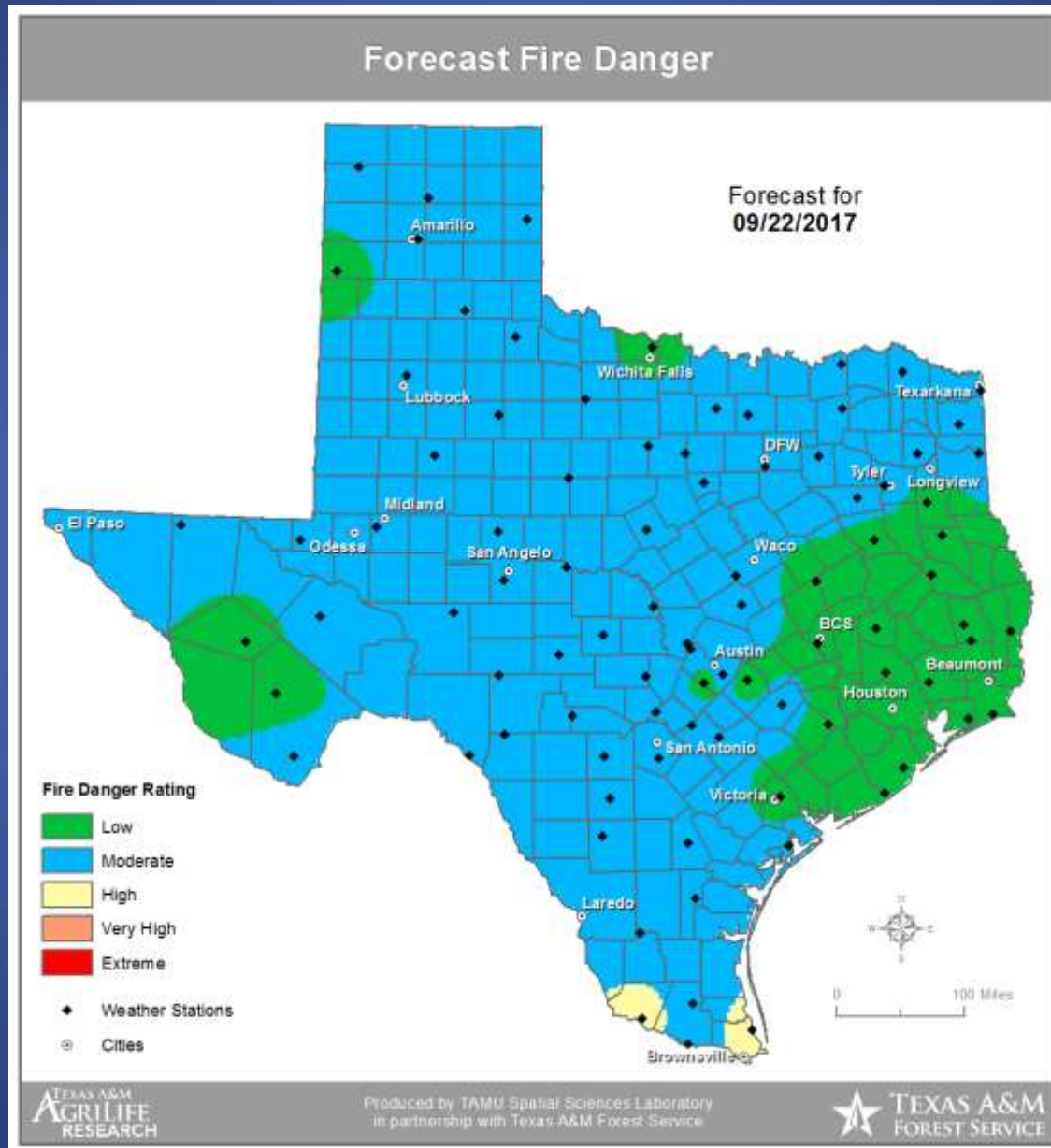


Isolated showers and thunderstorms possible once again today as a few weak impulses of energy aloft move across the region. Otherwise, a mix of sun and clouds and hot conditions are expected, with highs ranging from the mid 90s east to the upper 90s and above the century mark out west. A moderate chop is likely on the bay waters with Gulf seas of 2 to 4 feet, accompanied by southeast winds of 10 to 15 knots.

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
09/21/17	Flood Advisory	Brazoria, Brooks, Colorado, Galveston, Harris, Hidalgo, Jackson, Matagorda, Starr, Wharton, and Willacy Counties
09/21/17	Flash Flood Warning	Brazoria and Fort Bend Counties
09/21/17	Urban and Small Stream Flood Advisory	Jefferson County
09/21/17	Flood Warning Continues	Sabine River in Newton and Orange Counties
09/21/17	Severe Thunderstorm Warning	Starr and Zapata Counties
09/22/17	Urban and Small Stream Flood Advisory	Kleberg and Nueces Counties

Fire Danger Forecast



Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

September 22, 2017



Email updates to:
burnban@tfs.tamu.edu

Counties with Burn Bans: 63

Armstrong
Bailey
Bandera
Baylor*
Brewer
Brooks
Brown
Callahan
Cochran
Coleman
Colorado
Comanche
Concho
Crane
Crockett
Crosby
Culberson
Dallam
Dauval
Edwards
El Paso
Falls
Fisher
Freestone
Frio
Garza
Glasscock
Hudspeth
Jeff Davis
Jim Hogg
Johnson*
Jones
Kaufman
Kendall
Kent*
Kinney
Kleberg
Lamb
Marin
McLennan
Medina
Menard
Mills
Motley
Navarro
Pecos
Reagan
Schlesinger
Star*
Stephens

* Burn Ban is effective only during burning days
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DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

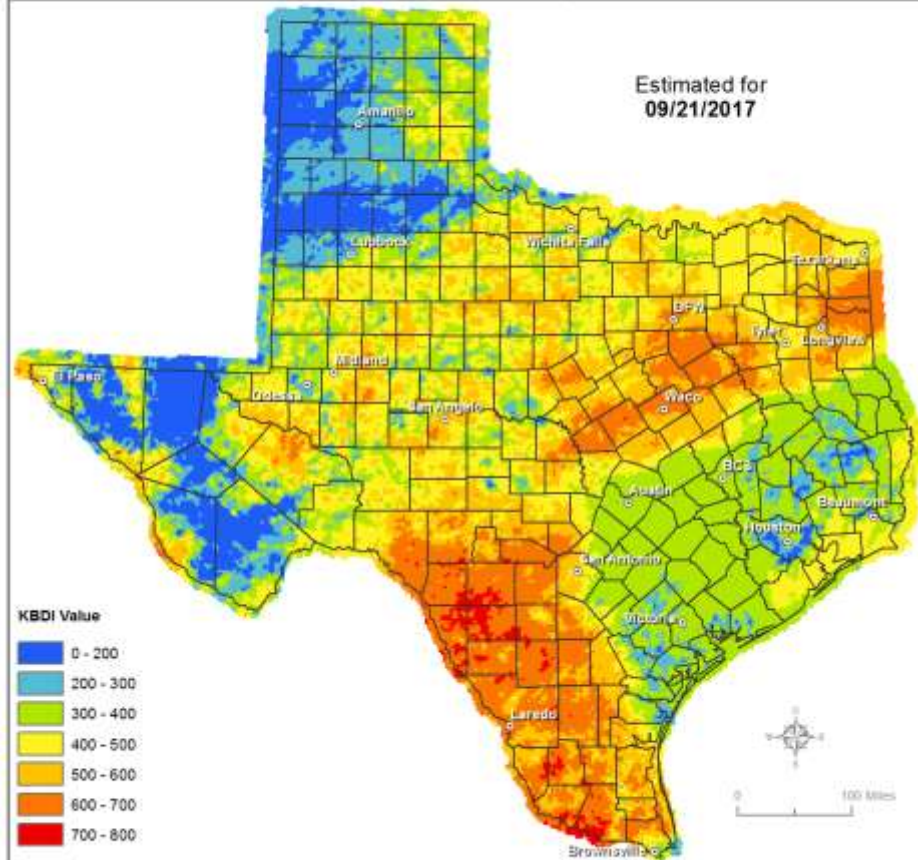
RED FLAG WARNINGS: www.weather.gov

Burn Ban RSS feed available at <http://tfsfrp.tamu.edu/wildfires/BurnBan.xml>

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
09/21/2017



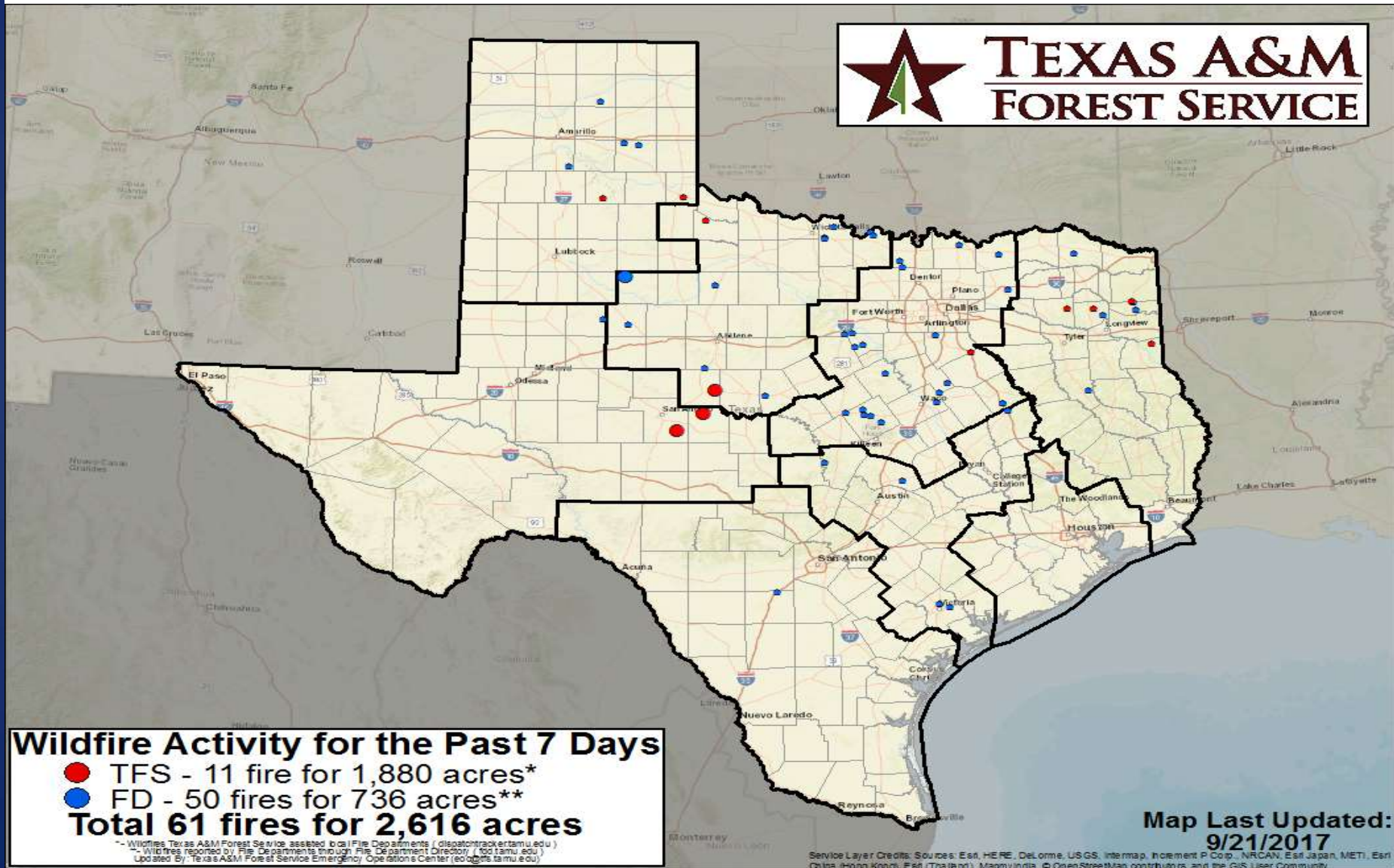
TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

TEXAS A&M
FOREST SERVICE

Fire Activity (*Last 24 Hours)

Reports 587 (+2) fires and 656,308 (+162) acres destroyed this year. There are 63 (+1) counties with burn bans. The Keetch-Byram Drought Index list 150 (+7) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
09/19/17	09/22/17	NFPA 1006 2008 Edition Trench Rescue Levels I and II Pro-Board Certification	H-504	Leander
09/21/17	09/22/17	Advanced Incident Command System, Command and General Staff	G-400	Roma
09/22/17	09/22/17	Physical and Cybersecurity for Critical Infrastructure	MGT-452	Austin

Statewide Significant Events

DATE(S)		LOCATION	EVENT
09/15/17	09/23/17	Amarillo	Tri-State Fair and Rodeo
09/19/17	09/24/17	Houston	Houston Astros Home Baseball Game
09/22/17	09/30/17	Lubbock	South Plains Fair